



Fact Sheet

Crane Naval Surface Warfare Center, Crane, Indiana RCRA Hazardous Waste Permit Renewal

The Indiana Department of Environmental Management (IDEM) has prepared this fact sheet to inform the public of the process involved in issuing a Hazardous Waste Management Permit.

The Solid Waste Disposal Act, commonly known as the Resource Conservation and Recovery Act (RCRA) was passed in 1976. This allowed for the regulation of the management of hazardous waste. In the State of Indiana, the IDEM is authorized by the Indiana Environmental Statutes, IC 13-22, to administer the hazardous waste permit program and related hazardous waste management requirements. Any facility which treats, stores, and/or disposes of hazardous waste in the State of Indiana is required to obtain a final hazardous waste management permit. In addition, any hazardous waste facility receiving a permit is required to provide corrective action for all releases of hazardous waste or of hazardous waste constituents from any solid waste management unit on-site.

Facility Description

Crane Naval Surface Warfare Center operates a weapon production, engineering, storage and demilitarization facility. These operations necessitate the utilization of hazardous waste treatment and storage units.

Draft Permit Conditions Summary

I. Standard Conditions: These conditions are of a general nature and are required for all facilities that manage hazardous waste under a RCRA permit.

II. General Facility Conditions: These conditions are also general in nature and required for all facilities, but are more specific in determining operating requirements.

III. Container Storage Conditions: These conditions include waste identification, container management, secondary containment, and inspection requirements.

IV. Incinerator Conditions: These conditions are specific requirements concerning incinerator operation. These conditions include facility maintenance, performance standards, limitations on wastes, operation conditions, and closure requirements.

V. Contained Detonation Chamber Conditions – Miscellaneous Unit: These conditions include facility maintenance, performance standards, limitations on wastes, operation conditions, and closure requirements.

VI. Open/Burning Open Detonation Conditions – Miscellaneous Unit: These conditions include waste identification, operation conditions, monitoring and inspection conditions, record keeping and closure conditions.

VII. Groundwater Monitoring Conditions-DR: These are specific regulations the facility must follow that are applicable to a groundwater monitoring plan. Included in this section are well descriptions, placement, and characteristics as well as regulatory provisions for the monitoring plan. These conditions are specific to groundwater monitoring at the Demolition Range (DR).

VIII. Groundwater Monitoring Conditions – ABG and ORR: These are specific regulations the facility must follow that are applicable to a groundwater monitoring plan. Included in this section are well descriptions, placement, and characteristics as well as regulatory provisions for the monitoring plan. These conditions are specific to groundwater monitoring at the Ammunition Burning Grounds (ABG) and the Old Rifle Range (ORR).

IX. Air Emission Standard Conditions: These conditions address compliance with 40 CFR Part 264, Subpart BB, for air emissions from equipment at hazardous waste facilities.

X. Corrective Action Conditions: These conditions provide for the investigation and remediation of any releases from a Solid Waste Management Unit (SWMU) or area of concern (AOC). These conditions also require owners and operators to provide information, including sampling, to the IDEM to support whether or not a release has occurred.

XI. Compliance Schedule Conditions: These conditions specify a compliance schedule leading to compliance with the Indiana Hazardous Waste Rules.

Draft Permit Attachments

Part A Application: The Part A Application details the facility location, ownership, U.S. EPA identification number, type of business, type and quantity of hazardous waste managed and the hazardous waste management practice of the facility.

Attachment 0 - Introduction: Provides a general description of the facility and relevant non-unit specific information.

Attachment I – Container Storage Facility

Attachment II - Mobile Plasma Treatment Unit

Attachment III – Contained Detonation Chamber

Attachment IV – Ammunition Peculiar

Equipment 1236 Incinerator

Attachment V – Open Burning/Open Detonation (OB/OD) Units

Sections Within Attachments

Section B - Facility Description: This attachment contains general information of the site and surrounding land.

Section C - Waste Characteristics/Waste Analysis Plan: This attachment contains the Waste Analysis Plan which describes, in detail, the procedures to be used by the facility to identify the hazardous wastes to be handled on-

site. The Plan includes regulatory analytical methods, procedures for physical waste identification, and procedures to ensure the proper acceptance of off-site waste.

Section D - Process Information: This attachment describes, in detail, the management practices the facility will utilize to ensure safe and proper storage of hazardous waste in tanks and containers. The Plan includes tank and container handling procedures, inspection procedures and schedules, and secondary containment requirements.

Section E - Groundwater Monitoring: This plan details the types of monitoring that are implemented by the facility and the way the information is collected. This Section refers to Appendix 2A-Groundwater Monitoring Plan, Appendix 2B -Field Sampling Plan, Appendix 2C-Statistical Evaluation Plan, and Appendix 2D-Quality Assurance Project Plan (QAPP) and Appendix 2E, Groundwater Monitoring Criteria for Explosives.

Section F - Procedures to Prevent Hazards: This attachment contains the security measures and preparedness and prevention procedures to ensure the safety of the workers on-site, as well as to prevent unauthorized access. This section is closely related to the Contingency Plan and Inspection Plan.

Section G - Contingency Plan: This section references Appendix 1 to the draft permit. The Contingency Plan describes the actions facility personnel will take in response to fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or water at the facility.

Section H - Personnel Training: This attachment describes the training requirements for personnel working with hazardous waste at the facility.

Attachment I - Closure Plan: The Closure Plan describes, in detail, the activities and procedures that will be carried out to ensure that the hazardous waste management unit has been

closed in accordance with 329 IAC 3.1. This attachment also describes the hazardous constituents of concern and the clean-up levels.

Attachment J - Corrective Action for Solid Waste Management Units: This attachment details the facility's obligation to notify the IDEM of SWMUs, and information pertaining to releases from any SWMUs. It also describes current conditions at the facility, and how the facility will investigate each SWMU and AOC for releases of hazardous waste(s) and hazardous constituents(s).

Public Participation

IDEM is conducting public participation to ensure all interested parties have an opportunity to comment on the Draft Permit. The Public Comment Period extends from September 21, 2007 thru November 6, 2007. The official public notice was published on September 21, 2007, in the Times-Mail, Bedford, Indiana. The public notice was also broadcasted over local radio station WGCL, Bloomington.

All comments regarding the State Draft Permit must be postmarked by November 6, 2007 (or e-mailed) and addressed to:

Jeff Workman
IDEM
Office of Land Quality
100 North Senate Avenue
Indianapolis, IN 46204
jworkman@idem.IN.gov

Any interested person may request a public hearing. The request must be in writing and state the nature of the issues to be raised at the public hearing. The Commissioner shall hold a public hearing whenever it is determined, on the basis of requests that a significant degree of public interest exists.

To view a copy of the State Draft Permit, visit the following location:

Bedford Public Library
1323 K Street
Bedford, Indiana 47421-3297

Copies of the Permit Conditions and Fact Sheet may be viewed on the IDEM web site at:
www.IN.gov/idem/permits/land/notices/index.html

For More Information, Contact:

Mr. Jeff Workman, IDEM
317/232-3221 or, (800) 451-6027, press 0,
request ext. 2-3221